

Title (en)
TARGETED SEQUENCE ADDITION

Title (de)
GEZIELTE SEQUENZADDITION

Title (fr)
ADDITION DE SÉQUENCE CIBLÉE

Publication
EP 4225914 A1 20230816 (EN)

Application
EP 21785919 A 20211006

Priority
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• US 202063118781 P 20201127
• EP 2021077567 W 20211006

Abstract (en)
[origin: WO2022074058A1] The invention pertains to a method for labelling a target nucleic acid fragment using a combination of a site-specific nuclease and a reverse transcriptase. The labelling results in the addition of a specific nucleotide sequence to at least one free 3'-end of the target nucleic acid fragment. The invention further relates to a method for determining the sequence of the target nucleic acid fragment as well as construct and kit for use in the method of the invention.

IPC 8 full level
C12N 15/113 (2010.01); **C12Q 1/6806** (2018.01); **C12Q 1/6869** (2018.01)

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C12N 9/22 (2013.01 - US); **C12N 15/1093** (2013.01 - US); **C12Q 1/485** (2013.01 - US); **C12Q 1/6806** (2013.01 - EP US);
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C-Set (source: EP)
1. **C12Q 1/6806** + **C12Q 2521/107** + **C12Q 2521/301** + **C12Q 2525/155** + **C12Q 2531/113** + **C12Q 2535/122** + **C12Q 2563/179**
2. **C12Q 1/6869** + **C12Q 2521/107** + **C12Q 2521/301** + **C12Q 2521/501** + **C12Q 2525/155** + **C12Q 2525/191** + **C12Q 2531/113** + **C12Q 2563/179**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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